



National
Library
of Medicine

Entrez PubMed

Nucleotide

Protein

Genome

Structure

PMC

Journals

Books

Search | PubMed

for

Go

Clear

Limits

Preview/Index

History

Clipboard

Details

About Entrez

Display Abstract Show: 20 Sort Send to Text

Text Version

Entrez PubMed

Overview

Help | FAQ

Tutorial

New/Noteworthy

E-Utilities

PubMed Services

Journals Database

MeSH Database

Single Citation Matcher

Batch Citation Matcher

Clinical Queries

LinkOut

Cubby

Related Resources

Order Documents

NLM Gateway

TOXNET

Consumer Health

Clinical Alerts

ClinicalTrials.gov

PubMed Central

Privacy Policy

Related Articles, Links

1: Nature. 1995 Sep 28;377(6547):351-4.

nature

Facilitation of lin-12-mediated signalling by sel-12, a *Caenorhabditis elegans* S182 Alzheimer's disease gene.

Levitin D, Greenwald I.

Department of Molecular Biology, Princeton University, New Jersey 08544, USA.

The lin-12 and glp-1 genes of *Caenorhabditis elegans* are members of the lin-12/Notch family of receptors for intercellular signals that specify cell fate. By screening for suppressors of a lin-12 gain-of-function mutation, we identified a new gene, sel-12, which appears to function in receiving cells to facilitate signalling mediated by lin-12 and glp-1. The sel-12 gene encodes a protein with multiple transmembrane domains, and is similar to S182, which has been implicated in early-onset familial Alzheimer's disease. The high degree of sequence conservation suggests that the function of the SEL-12 and S182 proteins may also be conserved.

PMID: 7566091 [PubMed - indexed for MEDLINE]

Display Abstract Show: 20 Sort Send to Text

Write to the Help Desk

NCBI | NLM | NIH

Department of Health & Human Services

Freedom of Information Act | Disclaimer